

Subject Code: XXXXX

Roll No:

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**BTECH
(SEM-7) SOFTWARE PROJECT MANAGEMENT 2021-22**

TIME:3 HOUR

Total Marks: 100

Instruction: Attempt the questions as per the given instructions. Assume missing data suitably.

SECTION - A

Attempt *All Parts* in Brief

2*10 = 20

Q1	Questions	Marks
(a)	List the characteristics of software projects.	2
(b)	What is the difference between feasibility study and planning ?	2
(c)	Differentiate between Spiral and Prototyping model ?	2
(d)	What is error tracking ?	2
(e)	What is schedule variance ?	2
(f)	What is Fagan inspection?	2
(g)	What do you understand by boundary value analysis ?	2
(h)	Distinguish between informal and formal review.	2
(i)	What is contract management ?	2
(j)	What are the different roles in SCM?	2

SECTION - B

Attempt Any Three of the following

3*10 = 30

Q2	Questions	Marks
(a)	What is Work Breakdown Structure ? Explain its type.	10
(b)	What is vision and scope document ? Explain in detail.	10
(c)	Explain RAD model with its advantages and disadvantages.	10
(d)	What do you understand by EVA ? Explain in detail.	10
(e)	Write a short note on SEI-CMIM. How does it differ from ISO-9000 ?	10

SECTION - C

Attempt Any One of the following

5*10 = 50

Q3	Questions	Marks
(a)	Discuss the network model represented by the CPM network.	10
(b)	Define hazard. How are hazards identified and analyzed ?	10
Q4	Questions	Marks
(a)	What is vision and scope document ? Explain in detail.	10
(b)	Explain how project can be evaluated against strategic, technical and economic criteria.	10
Q5	Questions	Marks
(a)	Explain with an example how critical path can be identified in precedence networks.	10
(b)	Explain risk planning and control in detail.	10
Q6	Questions	Marks
(a)	What is software review ? Explain its types.	10
(b)	Describes in details the principles of testing ?	10
Q7	Questions	Marks
(a)	Explain in detail about Human Resource Management in detail.	10
(b)	b. Write a short note on : i. Verification and Validation	10

	ii. Quality Assurance and Quality Control	
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